

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000244176
PUBLICATION DATE : 08-09-00

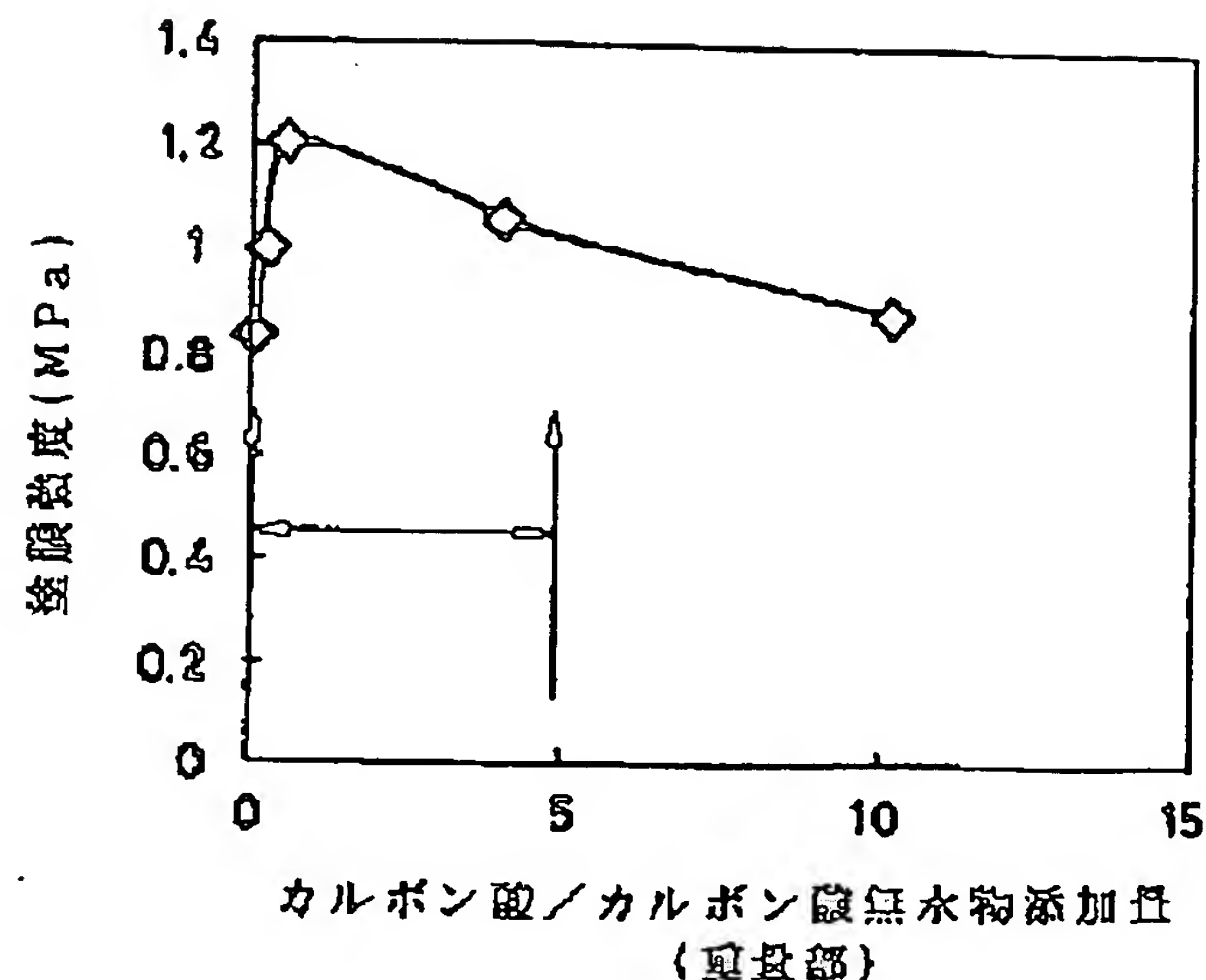
APPLICATION DATE : 19-02-99
APPLICATION NUMBER : 11042350

APPLICANT : SONY CORP;

INVENTOR : INOMATA KOJI;

INT.CL. : H05K 9/00

TITLE : SOFT MAGNETIC MOLDING AND
MANUFACTURE METHOD THEREFOR



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a soft magnetic molding which does not generate offensive odors, has a proper coating property (stretching property and the like) and has superior electromagnetic wave absorbing property.

SOLUTION: This manufacturing method of a soft magnetic molding is comprised of mixing of ferrite soft magnetic powder 100 weight part, a polyester polyurethane resin 10 weight part, a carboxylic acid compound 0.05 to 5 weight part, methyl ethyl ketone 30 weight part and toluene 10 weight part by a ball mill, uniformly distributing and adjusting by magnetic coating. Next, the obtained soft magnetic coating is applied on a polypropylene film by a knife coater, and an original printing of a dry coating film having a thickness of 0.2 mm is obtained. The polypropylene film is peeled from the whole printing, and only the coating film is obtained. Additionally, isocyanate compound as a curing material is added to the soft magnetic coating is applied and is dried, and the coating film only can be obtained by being maintained in a furnace at 60°C for 20 hours, as a curing step and by peeling the polypropylene film. Also each of the obtained coating films may be laminated on each other in two layers or more by a laminator having a heat-rolling method.

COPYRIGHT: (C)2000,JPO